

CLAIMS

1. A saw blade provided with numerous cutting teeth for cutting a workpiece at appropriate pitches, the saw blade comprising:

5 left and right set teeth, which are set in a lateral direction, as viewed in a cutting direction of the cutting teeth;

wherein each of the left and right set teeth is a dovetail shaped set tooth having a tooth tip which is gradually enlarged in the lateral direction.

2. A saw blade according to claim 1, further comprising:

10 a straight tooth, which is not set in the lateral direction, as viewed in the cutting direction of the cutting teeth;

wherein the straight tooth including a dovetail shaped straight tooth having a tooth tip which is gradually enlarged in the lateral direction.

3. A saw blade according to claim 2, wherein a height of each of the left
15 and right set teeth is smaller than or substantially equal to that of the straight tooth.

4. A saw blade according to claim 2, wherein an inclination is formed at an inside corner on a tooth tip side of each of the left and right set teeth.

5. A saw blade according to claim 2, wherein the cutting teeth are
20 configured by joining a dovetail shaped chip to the tip end of the tooth in a blade base; and

wherein the thickness of the chip at the joint portion is made to be smaller than that of the tip end of the tooth.

6. A saw blade according to claim 1, further comprising:

25 a straight tooth, which is not set in the lateral direction, as viewed in the cutting direction of the cutting teeth;

wherein the straight tooth including a bevel-dovetail shaped straight

tooth having inclinations at both of left and right ends of a tooth tip which is gradually enlarged in the lateral direction.

7. A saw blade according to claim 6, wherein a height of each of the left and right set teeth is smaller than or substantially equal to that of the straight tooth.

8. A saw blade according to claim 6, wherein the inclination is formed at an inside corner on a tooth tip side of each of the left and right set teeth.

9. A saw blade according to claim 6, wherein the cutting teeth are configured by joining a dovetail shaped chip to the tip end of the tooth in a blade base; and

wherein the thickness of the chip at the joint portion is made to be smaller than that of the tip end of the tooth.

10. A saw blade according to claim 1, further comprising:
a straight tooth, which is not set in the lateral direction, as viewed in the cutting direction of the cutting teeth;

wherein in the above-described configuration, the straight tooth includes: a dovetail shaped straight tooth having a tooth tip which is gradually enlarged in the lateral direction; and a bevel-dovetail shaped straight tooth having inclinations at both of left and right ends of a tooth tip which is gradually enlarged in the lateral direction; and

wherein a height of the dovetail shaped straight tooth is smaller than or substantially equal to that of the bevel-dovetail shaped straight tooth.

11. A saw blade according to claim 10, wherein a height of each of the left and right set teeth is smaller than or substantially equal to that of the straight tooth.

12. A saw blade according to claim 10, wherein the inclination is formed at an inside corner on a tooth tip side of each of the left and right set teeth.

13. A saw blade according to claim 10, wherein the cutting teeth are configured by joining a dovetail shaped chip to the tip end of the tooth in a blade base; and

wherein the thickness of the chip at the joint portion is made to be
5 smaller than that of the tip end of the tooth.